Sectt. II-27—[redacted]

Edn. & P. H (1940) Department

MS. SERIES.

G.O. No. 4995, P. H.

Dated 23-10-1940.

Desp

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[Despatch Abstract.]

Water Supply Scheme - Bellary Municipality - Extension of headworks - Investigation.

VERY URGENT.

C.F. 20.

PUBLIC WORKS **DEPARTMENT.**

*Received* 11 MAR 1940 19 *Registered* ..... 19

*Subject.* Water Supply Scheme - Bellary Municipality- Extension of Headworks - Investigation-

| Enclosures |
|---|
| No. |
| Spare copies |

No. 569 WPH/40-1

*Station* Chepauk, Madras. *Dated the* 9th March 1940

From (Name) H. R. Dogra Esq., B.Sc.,
(Designation) Chief Engineer, P.W.D. (General, Buildings & Roads)

To The Secretary to the Government of Madras,
EDUCATION & PUBLIC HEALTH Department.

Sir,

In para 7 of his letter No.695 G., dated 29th November 1937 addressed to Government, the Sanitary Engineer brought to notice that the extent of fresh water zone in the area was very limited and required careful investigation before any increased water supply to the Bellary Municipality could be considered. The Municipal Council had however, represented to Government that the springs at the source were very powerful and that a supply of 12 lakhs gallons could be safely depended upon - Vide

Municipal

Municipal Commissioner's note dated 9th September 1937.

The supply now drawn by the Municipality is from 5 to 6 lakhs gallons daily and the booster proposal approved in G.O.No.366 P.H., dated 31st January 1940 would provide for a supply of 9 lakhs gallons. Though the tests carried out by the Public Works Department in 1938 showed that this quantity could be expected, the Sanitary Engineer was asked to satisfy himself about the fresh water zone referred to in the Sanitary Engineer's letter quoted in para 1 above.

The Superintending Engineer, Public Health, has submitted an estimate of cost for investigation - vide extract from his letter No.204 C., dated 28th February 1940 enclosed. I recommend that the investigation may be sanctioned in consultation with the Municipal Council. I consider that it will be economical if it is done by the Municipality under the instructions of the Superintending Engineer, Public Health.

for Chief Engineer, P.W.D.

Encl:-

Extract of para 2 of S.E's (P.H.) letter.

S.S.9/3/40.

of letter

Extract of ~~para 2~~ from the Superintending Engineer, (Public Health) No.204 C., dated 28-2-1940 to the Chief Engineer, P.W.D., General, Buildings and Roads.

**********

As regards the skeleton of the comprehensive programme, I desire to make a respectful representation that it is not a simple matter to work out skeleton proposals for the extension of headworks without a close and detailed investigation. This course is highly essential in view of the fact that the patch of fresh water zone is surrounded by saline areas. It is therefore necessary to conduct an investigation at a cost of Rs.8,000 to map out the extent of the fresh water area with reference to its juxtapostion with the saline areas in the neighbourhood. A series of tell-tale borings have to be put down, samples of water analysed and the influence lines determined while drawing to the full capacity of the new pumps. The cost of the investigation would be as under:

| | Rs. |
|---|---|
| 1 Supervisor for 12 months at Rs.152/- a month.. | 1,824 |
| 1 Boring Mechanic for 12 months at Rs.61/- a month. | 722 |
| 1 Lascar for 12 months at Rs.12 per mensem | 144 |
| 120 borings at Rs.13-8-0 each .. | 1,620 |
| Hire and transport of boring tools and pipes to and fro. .. | 150 |
| Hire of boring tools for 12 months at Rs.47-8-0 a month. .. | 570 |
| Hire of extra boring pipes 3600 feet at 0-6-0 per Rft. .. .. | 1,350 |
| Surveying, mapping and levelling. .. | 150 |
| Field (quality) tests. .. | 150 |
| T.A., stationery and Contigencies. .. | 770 |
| | 7,450 |
| Centage charges at 7½% .. | 559 |
| Total. | Rs.8,009 or |
| say | Rs.8,000 |

Corrigendum 87 27/3 27/3

Exp H

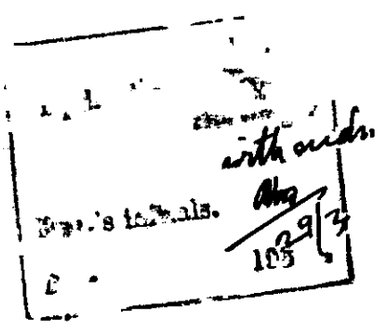
C No. 9557 From the C. E (Irrig) No. 569 dt 8-3-40

Memo 9557-1 Exp H dt 27/3/40

Water Supply Scheme-Bellary Municipality. Extension of head works. Investigation

Referred to the Commr. of the Bellary Mly. for very early remarks. He is also requested to state whether the Municipal Council agrees to place the sum of Rs. 8,000 required by the S. E (P. H.) towards the cost of investigation

SRCy
27.3.40.




To the Commr Bellary

Mly-his the CRC (Irrig)

in C E (Irrig)

27/3

28/3/40.

C.F. 30.

Local Administration **DEPARTMENT.**

*Received* ..... *Registered* 23027 ..... 19

*Subject.*

Water Supply Scheme - Bellary Municipality - Extension of Head Works - Investigation.

*****

| Enclosures. |
|---|
| No. 1 |
| Spare copies |

C. No. 1919/102 D2.

*Station* B E L L A R Y, ....., *Dated the* 31st May 1940. ..... 19

From (Name) Sri. T.A.Narasa Reddi, B.A.,

(Designation) Commissioner, Bellary Municipality, Bellary.

To The Secretary to the Government of Madras,

Education and Public Health Department.
Madras.

Through Janab.D.Abdul Rawoof Sahib Bahadur, B.A.,B.L., M.L.A., F.A.U., Chairman, M.C.

Sir,

Ref:- Your Memo No.9597-1-E2 P.H., dated 27-3-1940.

I forward herewith ~~the~~ a copy of Municipal Council Resolution No.12 of 27-5-1940 conveying the consent of the Council for the investigation suggested by the Superintending Engineer (Public Health) to be done by the Municipality as recommended by the Chief Engineer to an extent of Rs.6,000/- as per details below:-

P.T.O.

| | | |
|---|---|---|
| Supervisor on Rs.90/- 12 months. | Rs. | 1,080 |
| Boring Mechanic for 12 months on Rs.40/- | " | 480 |
| Lascar on Rs.12/- for 12 months. | " | 144 |
| 120 numbers borings at Rs.13/8/- each | " | 1,620 |
| Transport of boring Tools. | " | 150 |
| Hire of Boring tools for 12 months at Rs.47/8/- | " | 570 |
| Hire of extra boring pipes | " | 1,350 |
| Surveying, mapping and levelling. | " | 150 |
| Field Tests. | " | 150 |
| Travelling allowance and contingencies | " | 306 |
| | | Rs.6,000/- |

This investigation will be done after the proposed Water Works improvements for pumping 9 lakhs is completed.

Forwarded
Skr/1.6.

Chairman

Rv Commissioner.

Copy to the Chief Engineer(General, Buildings and Roads) Chepauk, Madras.

Extract of Proceedings of the Municipal Council, Bellary, passed at its ordinary meeting held on 27-5-1940 at 5-30 P.M., at the Municipal Office.

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xx xx xx

12. Read Government Memorandum No.9597-1-E2 P.H., dated 27-3-40 whether the Council agrees to place a sum of Rs.8,000/- required by the Superintending Engineer (P.H.) towards the cost of investigation of water supply at Head works and note of the Municipal Engimeer that the cost may be reduced to Rs.6,000/- if the work is done by the Council itself departmentally.

Resolution:- Sanctioned. Work to be carried on departmentally.

Sd/. D. Abdul Rawoof,
Chairman, M.C.,

/ True copy /

skr/1.6.

Commissioner.

15/6.

32/1576 8

E&PH

C No. 23027, From the Commr. Bellary Mly No. 1515 of 31-5-60

C No 5597
+
infn

Memo 5597-2 E&PH of 15/6/60

Water Supply - Bellary Ml. cl. Extension of Head-works Investigation

The attention of the C.E (Gen) is invited to the letter from the Commr. of the Bellary Mly read above, a copy of which is reported to have been sent to him and he is requested to state

p6 cf

1) Whether the investigation proposed by the S.E (P.H) in his letter No. 204-C of 28-2-60 in order to work out Skeleton proposals for the extension of head-works can be entrusted to the Ml. cl. as recommended by him or Whether this investigation

p3 cf

~~of all Sanitary Schemes~~ should ~~be conducted~~ be conducted by the S.E Deptt; and

2) Whether in the event of the M-Council being entrusted with investigation, any fee should be recovered by Govt. for the advice which the S.E (D II) will have to give in the matter ~~and Govt~~

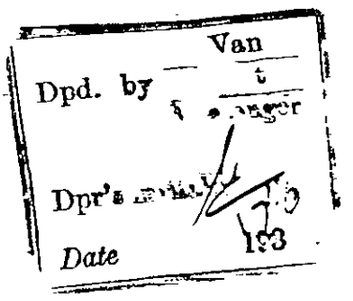
3) ~~Whether~~ the sanction of Govt is necessary for the investigation of sanitary schemes by local bodies and if so to quote the no. & date of G.Os. sanctioning investigation of schemes similar to the present scheme.

Wdgs
2302

6
12/6 SO
12/6/40

SRM
14/6/40.

To the CE (Gen)



C.F. 33.

Public Works **DEPARTMENT.**

GOVERNMENT OF MADRAS — 11 JUL 1940 — EDUCATION & PUBLIC HEALTH

*Received* ..... 19 *Registered* 28401 19

*Subject.*

Bellary Water Supply Scheme - Extension of head works - Investigation.

Ref:- Government Memorandum No. 9597-2 E2. P.H. dated 15th June 1940.

ENCLOSURES.
No.
Spare copies

No. 569 WPH/40-8

*Station* Chepauk, Madras, *Dated the* 13th July 1940. 19

From (Name) H. R. Dogra, Esq., B.Sc.,
(Designation) Chief Engineer, P.W.D., General, Buildings & Roads.

To The Secretary to the Government of Madras,
Education and Public Health Department.

Sir,

I forward herewith a copy of Superintending Engineer (Public Health)'s report No. 675 C dated 28th June 1940 in the matter.

As the Superintending Engineer (Public Health) would prefer to have the investigation done by his own special staff, his recommendation may be accepted.

for Chief Engineer, P.W.D.

Encl:- One Copy of letter from the Superintending Engineer (Public Health)

CRS./13-7-40.

Public Works Department.

From Sri Rao Bahadur N.Govindaraja Ayyangar,B.A.,M.E.,
Superintending Engineer, (P.H.),
Triplicane, Madras.

To the Chief Engineer, P.W.D.,
General, Buildings & Roads.

No. 675 C dated 28th J u n e 1940.

Sir,

Bellary water supply scheme - Extension of head works - investigation.

Ref: C.E's Endt.No. 569 WPH/40-6 dated 18-6-1940
C.E's Endt.No. 569 WPH/40-7 dated 21-6-1940.

I consider that it is desirable that this department takes up the investigation by posting a Supervisor who had had experience in conducting such investigations. It is undesirable to let the municipality to appoint its own Supervisor to do it and for this department to exercise a long distance control over his work. The nature of work is such that the investigation is better done by this department.

2. I see no reason to put off the investigation until the electrification proposals are carried out. As these are correlated with the improvements scheme, it is necessary to take up the investigation as early as possible so that we may know whether or not additions at the head works are necessary.

3. In view of the above recommendations the question of the levy of any fee for advice tendered by this department to the municipality does not arise.

N. Govindaraja Ayyangar,
27-6-40
Superintending Engineer, (P.H.).

PSN/27-6-40.

38 297 12

EaDPH

C No. 23027, From the Commr, Bellary Dly No 1919 dt 31-5-40
" 28401 & C.E (GOSB) No. 569 dt 13-7-40

Memo 9557-3E 2DPH—dt 18/7/40

Water-Supply Scheme.
Extension of Head-Works-
Investigation by the S.E. Deptt

pp 10-11 cf

Copy of a letter from the C-E (GOSB) No. 569 WDPH-8 dt 13.7.40 with its enclosure is Commd to the Commr. Bellary Dly He is requested to state whether the Comml agrees to the investigation being taken up by the S.E (P.H) and to place the sum of Rs. 8,000/- required to meet the cost of investigation.

p 3 cf

SRM
18/7/40

Dpd. by [illegible]
Typed by [illegible]

To the Commr. D. Bellary Dly

thro' the CE (La D)

pp 10-11 cf

C.E (GOSB)

Received 20/7

C.F. 30.

Local Administration **DEPARTMENT.**

13

39731

Received ..... 19 Registered 15 ..... 19

*Subject.*

Water supply scheme - Extension of Head works - Investigation by the Superintending Engineer (P.H.) report submitted.

| Enclosures. |
|---|
| No. |
| |
| Spare copies |

No. C.1919/D2/40.

*Station* Bellary., *Dated the* 25 -9- 1940.

From (Name) Sri. K.Venkatadri Choudari, B.A.,

(Designation) Commissioner, Bellary Municipality.

To The Secretary to the Government of Madras,

Education & Public Health Department.
MADRAS.

Through Rev.Fr.Fidelis Magee, O.F.M.,
Vice Chairman, Municipal Council, Bellary.

Sir,

Ref:- Government Memorandum No.9597-3 E-2 P.H. dated 18-7-1940.

The subject is before the Council for reconsideration of its resolution No.12 dated 27-5-1940, which will meet on the 30th instant. Soon after the meeting, the Council's viewes will be communicated.

Forwarded.
(Rev Fidelis Magee, O.F.M.
25 Sept. 1940

ksm.25-9.

E Venkatadri
Commissioner.

Eff 30/9

The Commr. may be reminded on 1.11.40

28/9/40

DRM 28.9.40.

C.F. 3

Local Administration **DEPARTMENT.**

GOVERNMENT OF MADRAS — EDUCATION

*Received* 6 -OCT 1940 19

*Registered* 41159 19

*Subject.*

Bellary Municipality - water supply scheme - Extension of head works - investigation by the Sanitary Engineering Department.

ENCLOSURES.
No. One C.R.no.4 30.9.40.
Spare copies.

No. D.Dis.5362/40 D2

*Station* Bellary., *Dated the* 3 -10- 1940.

From (Name) Sri. K.Venkatadri Choudari, B.A.,
(Designation) Commissioner, Bellary Municipality.

To The Secretary to the Government of Madras,
Education and Public Health Department.
MADRAS.

Through Rev.Fr.Fidelis Magee, O.F.M. Vice Chairman M.C., Bellary.

Sir,

Ref:- Government Memorandum No.9597-8 E2 P.H. ,dated 18-9-40 and this office No.C.1919/D2/40 dated 25-9-40

I submit herewith a copy of Council Resolution No.4 dated 30-9-40 declining to place the sum of Rs.8,000/- at the disposal of the Superintending Engineer (P.H.) for the investigation of the scheme for extension of Hagari Head works.

Forwarded
Rev. Fidelis Magee, O.F.M
ksm.4-10.
5 Oct. 1940.

K. Venkatadri
Commissioner.

4/10

15

Extract from the Proceedings of the Municipal Council, Bellary passed at its meeting held on 30-9-1940.

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No.4. Read Council Resolution No.12 dated 27-5-40 sanctioning the work of investigation of extension of Head Works Water supply scheme to be carried out departmentally (2) Government Memorandum No.9597-C E2 P.H., dated 18-7-40 communicating copy of letter No.569 W.P.H.8 dated 13-7-40 of the Chief Engineer (General Buildings and Roads) and requesting to state whether the Council agrees to the investigation being taken up by the Superintending Engineer (P.H.) and to place the sum of Rs.8,000/- required to meet the cost of investigation etc (3) Remarks of the Municipal Engineer dated 25-9-40 that the recommendation of the Superintending Engineer (P.H.) may be accepted.

Resolution:- The Council is unwilling to place Rs.8,000/- at the disposal of the Superintending Engineer (P.H.) as the Council feels that the present quantity of water in the wells is sufficient even for the house connection scheme.

F.Fidelis,
Vice Chairman M.C.,

(True extract)

Commissioner.

.ksm.

4/10/40

Edn. & P.H. Deptt.
(E2 Section)

C.No.9597. From the C.E., P.W.D., (G.B & R), No.569 W.P.H/40-1 dated 9-3-40.

O.M. No.9597-1 E2, P.H., dated 27-3-40.

~~"~~ 25027 From the Commr., Bellary Mty., C.No.1919/102 D2, dated 31-5-40.

O.M. No.9597-2 E2, P.H., dated 15-6-40.

~~"~~ 28401 From the C.E., P.W.D., (G.B & R), No.569 W.P.H/40-8-dated 13-7-40.

O.M. 9597-3 E2, P.H., dated 18-7-40.

~~"~~ 41159 From the Commissioner, Bellary Mty., No.D.Di 5362/40 D2, dated 3-10-40.

Subject: Water-Supply Scheme - Bellary Municipality - Extension of head-works - Investigation.

The improvements to the Bellary Water-supply schem has been under consideration for some considerable time and orders on this issue were passed in G.O.No. ~~P.H. dated 31-1-40.~~ 29-7-38 ~~Please see also subsequently orders~~ 2713 PH dt 29.7.1938. Please see also the further orders in G.O. no. 366 PH dt 31.1.1940

2. Consequent on these proposals for improvements to the water-supply scheme and the doubling of the quantity of water to be pumped into the Bellary municipality, the Sanitary Engineer and the Chief Engineer suggested that an investigation should be

17



carried out to make sure that increased pumping will not lead to encroachment of the saline area into the fresh water zone. Accordingly the C.E. suggested that the Council should place at the disposal of the Sanitary Engineer Rs.8,000/- for carrying out the investigation. It was referred to the Ml.Cl. who made a counter suggestion that the investigation ~~will~~ Should be carried out by the special staff to be employed by the Bellary Municipality. The Chief Engineer did not agree to this suggestion and he reiterated his original recommendation that the investigation should be carried out by the Sanitary Engineering staff only. The net result of it is that the Council has now come to the decision that springs are powerful enough and presumably therefore it is unwilling to pay Rs.8,000/- at the disposal of the Sanitary Engineer.

Kan p 244 (T)
Ht 3 cf
p4 cf
p7 cf
p10 cf
p15 cf

3. I think it is not only out of place but irregular for a body of lay persons like a Municipal Council to take upon themselves the job of deciding on highly technical questions of this kind. It is reported that the area of fresh water is limited and if that were so, any increased pumping will only mean that the saline sub-soil will gradually encroach into the fresh water zone and render the source unfit for further use. In the circumstances it is for orders if a definite embargo should be placed upon all works meant to increase the rate of pumping of water from the head-works into the town until a proper investigation is carried out.

p3 cf
Kan p 244 (T)

SRM
15.10.40

Pl. draft telling him C. that Govt. will not base plans upon the mere filing of the caveat regarding the sites of a spinning & that the whole proposal will be dropped.

EWS
16.10

Draft - Rebuilding
Draft to keep
all correspondence
in it
SRM
16.10.40

Draft for approval
SRM
16.10.40

A draft DDR is submitted for approval

SRM
17/10 17.10.40

It is amazing that office should put the draft put up at the bottom merely because I forgot to mark the case for Secy & another draft then taken off.

The draft put up on 16.10.40 is for approval

SRM
18/10/40

S

SRM
18/10/40

EWS
19/10.

14

9597 Ex
cd
21/10

The Repy. is being absurd.
It seems pointless to continue
discussions on these lines.
If the Repy. wants the scheme,
the draft is likely to make
it consider the matter
seriously.

Draft may issue.

EWS.

I.q.w.

A.3. Thu
22/10

Edn. & P.H. Deptt
(E2 section).

Sub: Water-Supply scheme - Bellary municipality - Extension of headworks - Investigation.

Read again:

G.O.No. 2713 P.H., dated 29-7-1938.
G.O.No. 366 P.H., dated 31-1-1940.

Read:-

C.No. 9597 From the C.E., P.W.D.,(G.B & R) No.569 W.P.H/40-1 dated 9-3-40.

O.M.No.9597-1 E2, P.H., dated 27-3-1940.

From the Commr., Bellary Mty., C.No.1919/102 D2, dated 31-5-40.

O.M. No.9597-2 E2, P.H., dated 15-6-40.

From the C.E., P.W.D.,(G.B & R) No. 569/W.P.H/40-8 dated 13-7-40.

O.M. 9597-3 E2, P.H., dated 18-7-1940.

From the Commr., Bellary Mty., No.D.Dis. 5362/40 D2, dated 3-10-490.

Order Ms. 4995 Dated 23.10.40

The Govt. have ~~carefully~~ considered the matter and have come to the conclusion that ~~the~~ plans and estimates cannot be based merely on the ~~prepared based upon the mere~~ feelings of the municipal council regarding the yield of the springs. They therefore direct that the preparation of plans and estimates ordered in G.O.No.366 P.H., dated 31-1-40 should not be proceeded with until and unless it is established reasonably beyond all ~~possible~~ doubt that the source at the headworks can yield the requisite

quantity of water without ~~the~~ saline sources contaminating it area encroaching upon it. ~~They therefore direct that~~ the orders in G.O. No...3 P.H. dated 31-1-40 and G.O.2713 P.H., dated 29-7-1938 are hereby ~~superseded~~ cancelled and the Chief Engineer, P.W.D.,(G.B & R) is requested not to take further action in the matter.

(J)

(T)

SRK
16.10.40

To the Commr.,Bellary Mty., thro C.M.C.,
" C.E., P.W.D.,(G.B & R),
(with copy of Mr 16 to 16c)